FUEL VENT HOSE KIT

GENERAL

Kit Number

P1032.1AMA

Models

This kit fits 2008 1125R models.

Tools and Supplies Required

Loctite® 271 Threadlocker and Sealant - Red (H-D Part Number 99671-97) is required for the proper installation of this kit.

⚠WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Buell dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00334a)

NOTE

This instruction sheet references service manual information. A service manual for this year and model motorcycle is required for this installation and is available from a Buell dealer.

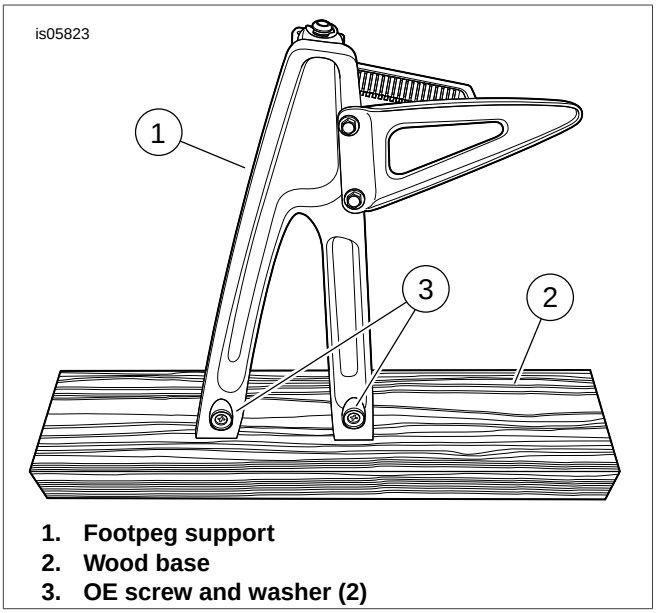
Kit Contents

Table 1. Kit Contents

Description (Quantity)	Part Number
Fuel vent hose	P0032.2AMA
P-clamp, cushioned	Q0300.4A8

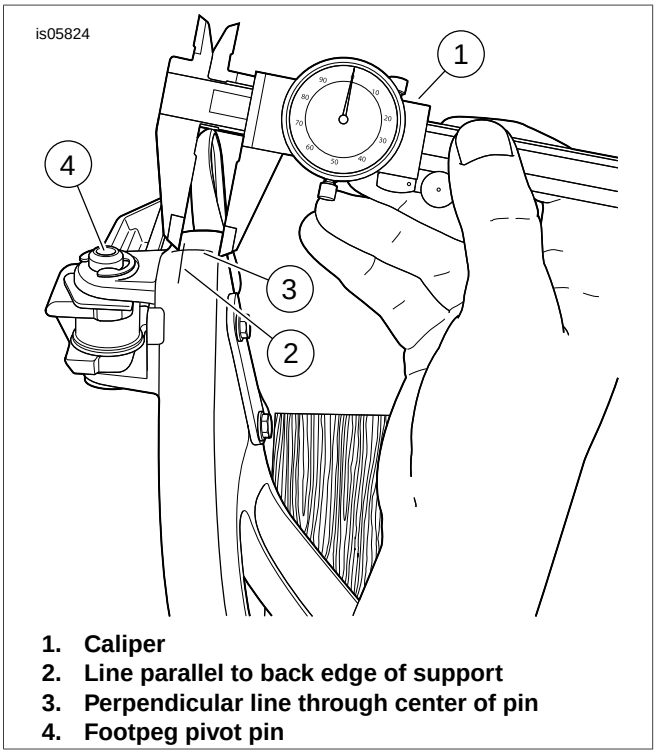
PREPARE THE PASSENGER FOOTPEG SUPPORT

1. Remove the left-side passenger footpeg support per the instructions in the service manual.
2. See Figure 1. Attach the footpeg support (1) to a wood base (2) using common wood screws and washers (not supplied).
3. Measure and center punch the drilling location.
   a. See Figure 2. Set a caliper (1) to 0.500 inch (12.7 mm).
   b. Using the caliper, draw a line (2) parallel to the back edge of the support. draw a perpendicular line (3) through the center of the footpeg pivot pin (4) hole location.
   c. See Figure 3. At the intersection of the two lines (1), center punch a spot for the drill point.



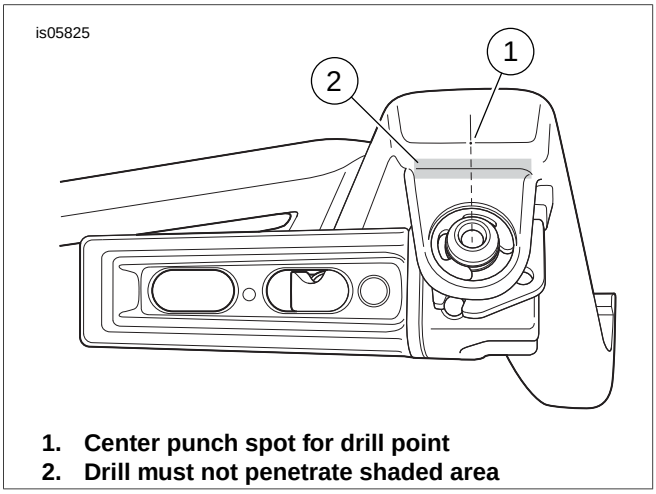
1. Footpeg support
2. Wood base
3. OE screw and washer (2)

Figure 1. Passenger Footpeg Support (Back View)



1. **Caliper**
2. **Line parallel to back edge of support**
3. **Perpendicular line through center of pin**
4. **Footpeg pivot pin**

Figure 2. Marking Drill Location



1. **Center punch spot for drill point**
2. **Drill must not penetrate shaded area**

Figure 3. Hole Location (Footpeg Support, Bottom View)

NOTE

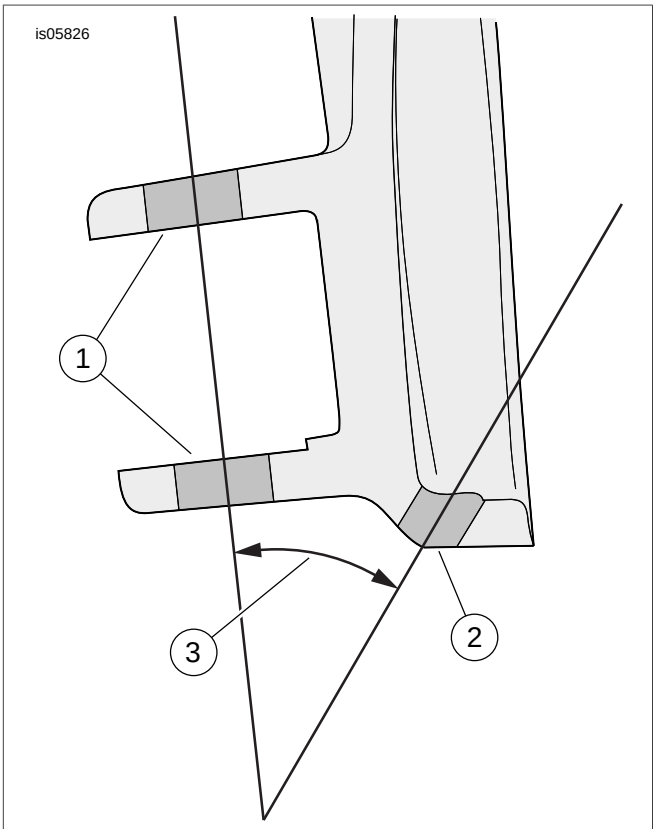
To maintain structural integrity of the support, the drill must not penetrate the casting web (2, the shaded area) under the footpeg mount.

The hole should be drilled at the approximate angle shown in Figure 4.

4. See Figure 5. Drill a 1/8 inch (3 mm) pilot hole through the passenger footpeg support.

   Drill a 17/64 inch (7 mm) hole through the pilot hole.

5. Apply a few drops of Loctite 271 - Red to the **clean** OE footpeg support screw threads. Install the support with the fasteners, and tighten to 25-28 ft-lbs (34-38 Nm).



1. **Footpeg pivot pin hole (reference)**
2. **Drill angle approximately 37 degrees**
3. **Pilot hole location**

Figure 4. Drilling Angle

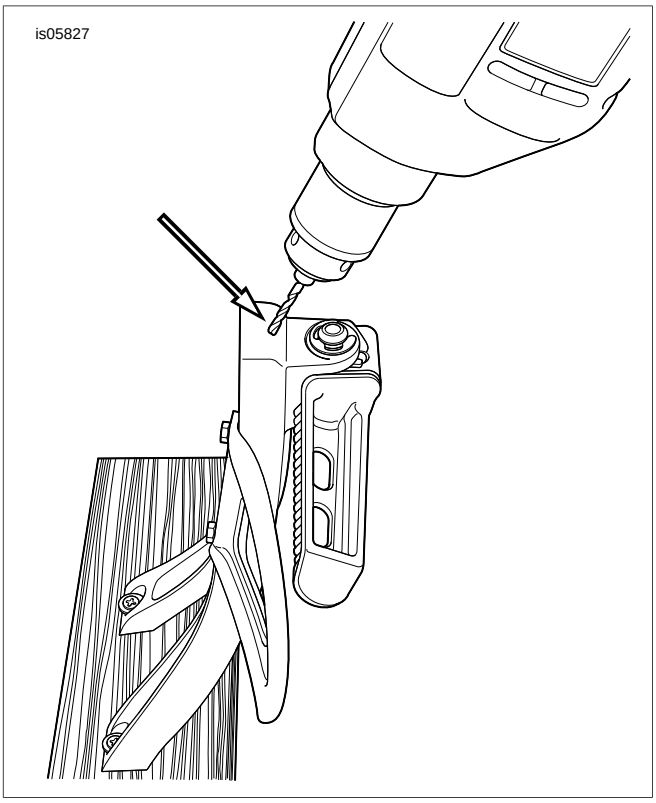


Figure 5. Drilling Pilot Hole

ROUTE THE FUEL VENT LINE

1. Remove the seat from the vehicle per the instructions in the service manual. Remove the intake cover per service manual instructions.
2. See Figure 6. Pull the fuel vent hose out from the engine compartment and off of the vent valve.
3. See Figure 7. Push the soft line vent hose over the vent valve fitting, and route the soft line vent hose over the airbox cover.

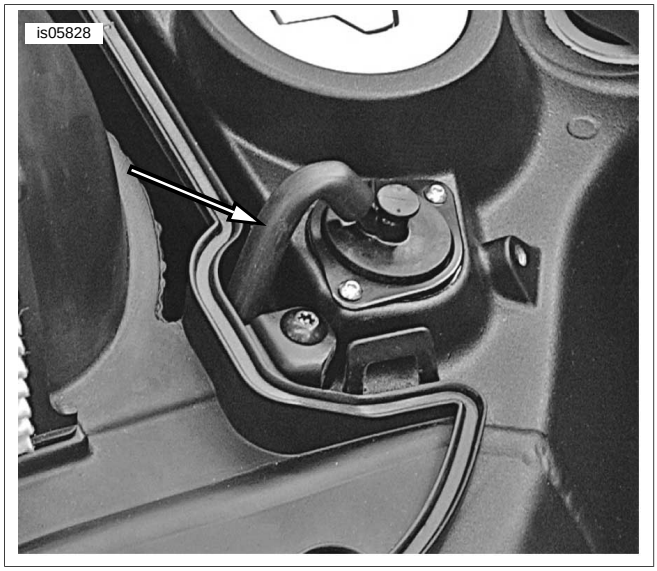


Figure 6. Original Hose Routing (2008 Models)

Figure 7. New Hose Routing

4. See Figure 8. Press the soft vent hose firmly into the groove along the entire length of the airbox cover.
5. See Figure 9. Route the hard line vent under the cross member and down through the subframe between the subframe and the pan splitting the tail lamp/turn signal wire leads from the fuse center harness.

Figure 8. New Hose Routing over Airbox Cover

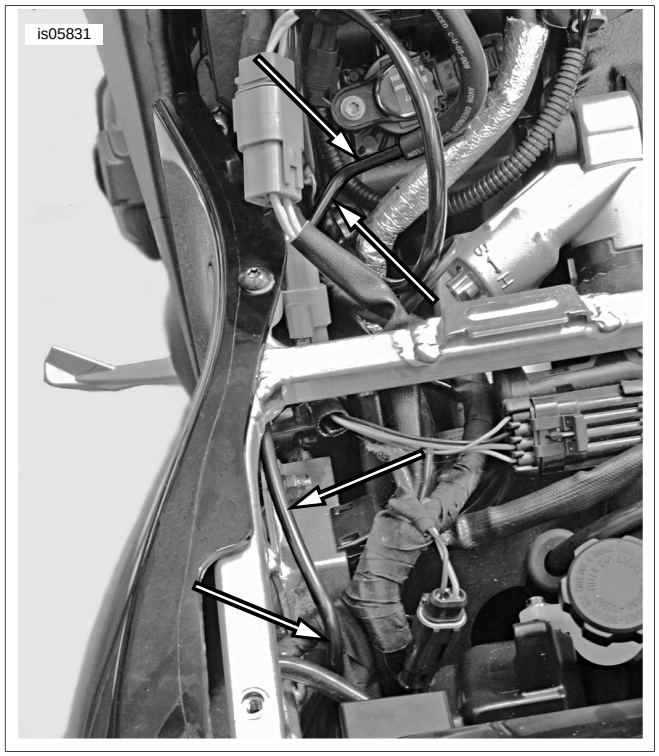
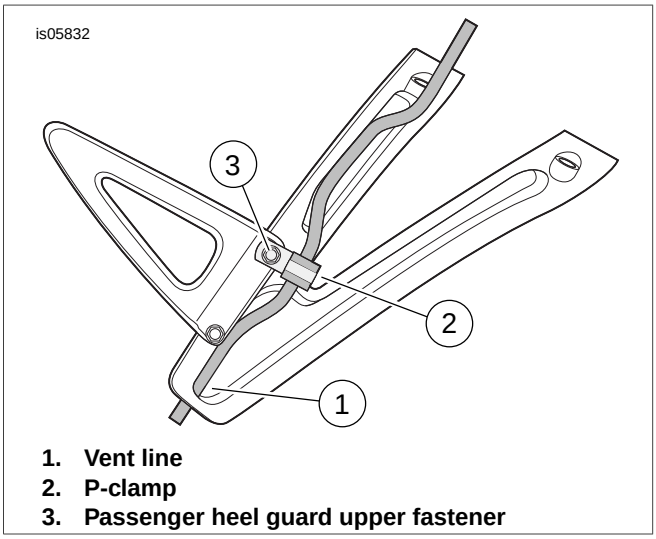


Figure 9. Hard Line Routing

6. Push the soft line vent hose over the hard line.



1. **Vent line**
2. **P-clamp**
3. **Passenger heel guard upper fastener**

Figure 10. Hose Routing through Footpeg Support and P-Clamp

7. See Figure 10. Push the vent line (1) through the drilled hole in the footpeg support.
8. Remove the upper fastener (3) attaching the passenger heel guard to the left-side passenger footpeg support.

   Fit the P-clamp (cushioned oil line clamp) (2) and tighten the fastener to 57-63 **in-lbs** (6.4-7.1 Nm).
9. Install the intake cover and seat per service manual instructions.

⚠WARNING

After installing seat, pull upward on seat to be sure it is locked in position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070b)

NOTE

Installation of the new vent line assembly will reduce fuel vapor condensation. However, variable temperature conditions may lead to occasional condensation discharge from the vent line.